



## PRODUCT TECHNICAL INFORMATION

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# X-Joint Coupling

## DESCRIPTION

Waterproofing membrane in rolls or bands made from elastomeric bitumen SBS not armed, high elastic module.

## PRODUCT DESTINATION

The X-Joint system + Butyl cord is intended for waterproofing joints and couplings raised vertical, for new works and renovations

## X-Joint COMPOSITION

Upper surface	non-woven polypropylene
Binder	Elastomeric bitumen SBS (Styrene - Butadiene - Styrene)
Bottom surface	non-woven polypropylene

## X-Joint NOMINAL FEATURES

Thickness	mm	5,0
Mass per unit area	Kg/sqm	5,9
Length	m	10,0 (± 2%)
Width	m	0,33 / 0,50 / 0,66 / 1,00 (± 2%)

## X-Joint PHYSICAL FEATURES\*

Elongation at break	(NF G07-001)	lengthwise ≥ 1000% crosswise ≥ 1000%
Tear resistance at 20°C	(NF G07-001)	not obtained after 1000% of elongation
Cold flexibility	(UEAtc)	- 20°C
Heat resistance	(UEAtc)	+ 90°C
Dimensional stability	(UEAtc) (a 80°C)	≤0,1%

\* Average values

## X-Joint PACKAGING

X-Joint		0,33 x10	0,50 x 10	0,66 x 10	1,0 x 10
Roll weight	Kg	20,5	30,6	40,0	59,5
Number of rolls per box	-	1	1	1	-
Number of boxes / pallet	-	36	24	-	-
Truck weight per pallet	Kg	755	734	-	-

## COMPOSITION AND CHARACTERISTICS of BUTYL CORD

Length	m	10,0 (± 2%)
Diameter	mm	30
Density	kg/m <sup>3</sup>	1,7
Composition	flexible extruded butyl mastic	

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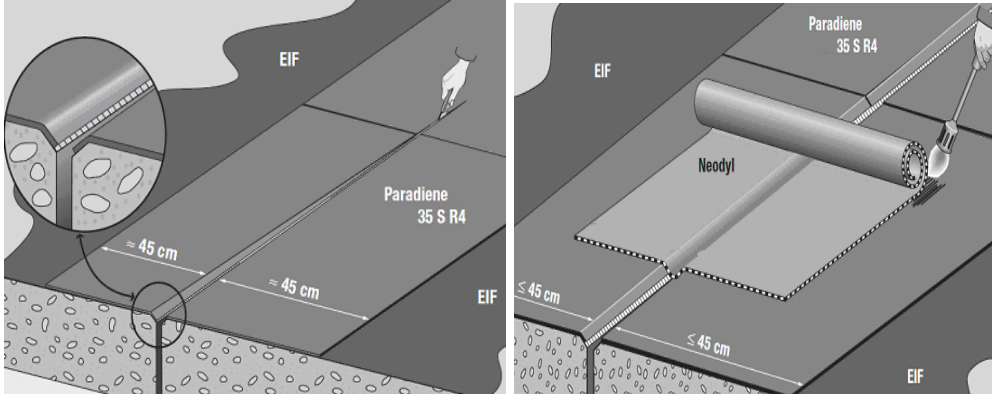
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**IMPLEMENTATION OF THE PRODUCT: SPECIFICATIONS**

Support	Cement or concrete treated with Dermaprimer applied on dry surface measure of 300 gr/sqm
Application	Welding in full compliance with propane gas burner
	 <p>X-joint is welded from one side and the other part of the coupling of a membrane in the underlying SBS Casali range.</p> <p>Along the part not welded (below the joint) the shape of a "lyre", concave, that allows the movement is maintained by a cord (CORDON BUTYL).</p> <p>The X-joint diaphragm must be protected and not left exposed to view.</p>
Covering	The head of the rolls are overlaps of minimum 100 mm, must be out of phase of at least 300 mm with respect to those of the underlying layer. All overlays They are welded with a propane torch.

**ADDITIONAL INFORMATION**

Safety	Product is not hazardous within the employment domain defined above according to international transport regulations (ADR, RID and IATA RTMDR); the Customs Code: 680710100000 A.
Changes	Our company reserves the right to modify this product depending on developments in industrial techniques.
Complementary information	This document is only a technical product. For each system, check out the release document its work and in case of doubt, do not hesitate to contact our technical service.
Storage	This product is packaged in rolls set up vertically on pallet or crate. It must be stored vertically under shelter, away from any heat source.

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